REMARKS/ARGUMENTS

Reconsideration and withdrawal of the rejections of the application are respectfully requested in view of the amendments and remarks herewith, which place the application into condition for allowance. The present amendment is being made to facilitate prosecution of the application.

I.   STATUS OF THE CLAIMS AND FORMAL MATTERS

Claims 9-12 are pending. Claims 9-12 are independent. Claims 9-10 are hereby amended. No new matter has been added. It is submitted that these claims, as originally presented, were in full compliance with the requirements of 35 U.S.C. §112. Changes to claims are made simply for clarification and to round out the scope of protection to which Applicants are entitled.

II.   SUPPORT FOR REMARKS IN SPECIFICATION

Support for this remark is provided throughout the Specification as originally filed and specifically at paragraphs [0173]-[0174], [0176], [0190]-[0191] and Figures 18 and 24 of Applicants' corresponding published application. By way of example and not limitation:

[0173] FIG. 18 to FIG. 27 show an example of a script of the edit list file 311 generated by the process at step S104 or step S105 and an example of a script of the index file 41 generated by the process at step S107.

[0174] FIG. 18 shows an example of a script of the edit list file 311 generated by the process at step S104. **FIG. 18 shows the case of which the types of encoding systems of two clips managed under the clip directory 212 and the clip directory 213 are the same encoding system [IMX50].**

[0176] [<body>], line 11, FIG. 18, represents that the body portion starts from line 12. In [par systemComponent="IMX50"], line 12, FIG. 18, [par] corresponds to [</par>], line 21. [par] represents that clips written from line 13

to line 20 are reproduced in parallel. [systemComponent=!IMX50.] represents the encoding system of a video file of a clip that was used when the edit list file 311 was edited. In this example, **this expression represents that all the types of encoding systems of video files of clips that were used when the edit list file 311 was edited are [IMX50].**

[0190] FIG. 24 shows an example of a script of the edit list file 311 generated by the process at step S105. **FIG. 24 shows an example of which a video file (encoded according to IMX50 as an encoding system) managed under the clip directory 212 and a video file (encoded according to IMX40 as an encoding system) managed under the clip directory 215** were connected as an edit process.

[0191] [IMX] as the group name of a group that includes IMX50 and IMX40 is written in line 12, FIG. 24. In other words, (<par systemComponent="IMX">] is written in line 12. In this expression, **[systemComponent="IMX"]** represents the encoding systems of the video files managed under the clip directory 212 and the clip directory 215. In this example, **this expression represents [IMX] as the encoding systems of the video files. [IMX] represents a group name of a group that includes IMX50 and IMX40.**

Fig. 18

```
1   <?xml version="1.0" encoding="UTF-8"?>
2   <smil xmlns="urn:schemas-professionalDisc:edl:editList">
3      <head>
4         <metadata type="Meta">
5            <!--.nonrealtime meta.-->
6            <NRMeta xmlns="urn:schemas:professionalDisc:nrt">
7               <ref src="E0001H01.XML"/>
8            </NRMeta>
9         </metadata>
10     </head>
11     <body>
12        <par systemComponent="IMX50">
13           <!-- Clip2 -->
14           <ref src="urn:smpte:umid:060A2B34010101050101001213000000FEDCBA9876543210FE0CBA9876543210"
15              begin="smpte-30=00:00:00:00" clipBegin="smpte-30=00:00:00:00"
16              clipEnd="smpte-30=00:10:00:00"/>
17           <!-- Clip3 -->
18           <ref src="urn:smpte:umid:060A2B34010101050101001213000000EDCBA9876543210FEDCBA9876543210F"
19              begin="smpte-30=00:10:00:00" clipBegin="smpte-30=00:02:00:00"
20              clipEnd="smpte-30=00:03:30:00"/>
21        </par>
22     </body>
23  </smil>
```

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Fig. 24

```
1   <?xml version="1.0" encoding="UTF-8"?>
2   <smil xmlns="urn:schemas-professionalDisc:edl:editList">
3       <head>
4           <metadata type="Meta">
5               <!-- nonrealtime meta -->
6               <NRMeta xmlns="urn:schemas:professionalDisc:nrt">
7                   <ref src="E0001M01.XML"/>
8               </NRMeta>
9           </metadata>
10      </head>
11      <body>
12          <par systemComponent="IMX">
13              <!-- Clip2 -->
14              <ref src="urn:smpte:umid:060A2B340101010501010D1213000000FEDCBA9876543210FEDCBA9876543210"
15                  begin="smpte-30=00:00:00:00" clipBegin="smpte-30=00:00:00:00"
16                  clipEnd="smpte-30=00:10:00:00"/>
17              <!-- Clip5 -->
18              <ref src="urn:smpte:umid:060A2B340101010501010D1213000000EDCBA9876543210FEDCBA9876543210F"
19                  begin="smpte-30=00:10:00:00" clipBegin="smpte-30=00:02:00:00"
20                  clipEnd="smpte-30=00:03:30:00"/>
21          </par>
22      </body>
23  </smil>
```

III.   RESPONSE TO REJECTIONS UNDER 35 U.S.C. §101

Claims 9-10 are hereby amended, thereby obviating the rejection under 35 U.S.C. §101.

IV.   RESPONSE TO REJECTIONS UNDER 35 U.S.C. §103(a)

Claims 9-12 were rejected under 35 U.S.C. §103(a) as allegedly being unpatentable over U.S. Patent No. 6,112,010 to Koyama (hereinafter merely "Koyama") in view of U.S. Patent No. 6,856,760 to Takahashi et al. (hereinafter merely "Takahashi").

Claim 9 recites, *inter alia*:

... generation means for generating one management information file that manages the result of the edit so that **the management information file contains a group name representing each of the plurality of encoding systems of the plurality of pieces of data that were used when the management information file was edited** and recording the management information file in a directory of the recording medium attachable and detachable to and from the information processing apparatus, the directory for

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the management information file being different from other
directories of the recording medium... (Emphasis added)

As understood by Applicants, Takahashi relates to an apparatus and a method for
recording moving and still pictures, and an apparatus and a method for reproducing recorded
moving and still pictures, as well as a recording medium.

Applicants submit that neither Koyama nor Takahashi, taken alone or in
combination, would disclose or render predictable the above-identified features of claim 9.
Specifically, neither of the references used as a basis for rejection discloses or renders
predictable "generation means for generating one management information file that manages the
result of the edit so that **the management information file contains a group name
representing each of the plurality of encoding systems of the plurality of pieces of data that
were used when the management information file was edited**," as recited in claim 9.

Specifically, the Office Action (see pages 4-5) asserts that Koyama discloses
generation means for generating one management information file that manages the result of the
edit so that the management information file contains a group name representing each of the
plurality of encoding systems of the plurality of pieces of data that were used when the
management information file was edited and recording the management information file in a
directory of the computer-readable medium attachable and detachable to and from the
information processing apparatus, and refers to Koyama, col. 2, lines 16-59 and col. 4, lines 17-
40, which are reproduced as follow:

> Koyama, col. 2, lines 16-59:
> Thus, it is possible to preserve the photograph, etc. onto a single
> recording medium. For this reason, storage ability can be improved
> without taking broad storage place. Moreover, since still pictures

can be electrically handled as picture data, it is possible to carry out, with ease, storage, erasing and editing, etc. Further, since an approach is employed to form picture data of plural resolutions on the basis of picture data of single still picture to record these respective picture data onto a recording medium to preserve them, still picture of optimum resolution can be displayed according to the display purpose, such as, for example, monitor display or printer display, etc.

Moreover, a picture recording method according to this invention is directed to a picture recording method for recording picture data onto a recording medium, wherein directory is formed in a rewritable area of the recording medium and subdirectories are formed within the directory. Then, first management file for carrying out management of all subdirectories, and first index file for recording low resolution picture data for indicating at least one picture file of a plurality of picture files recorded in the respective subdirectories are recorded into the directory. Further, second management file for carrying out management of picture files recorded in the subdirectories and second index file for recording low resolution picture data for respectively indicating all picture files recorded in the subdirectory are recorded into the subdirectory.

Namely, the picture recording method according to this invention records, onto the recording medium, management data such as first management file and first index file, etc. along with picture data. Thus, it is possible to carry out management of the picture data by hierarchical structure consisting of directory and subdirectories. Thus, management ability can be improved.

Moreover, the picture recording method according to this invention has hierarchical directory structure including directory (PIC MD) for recording picture data and subdirectories (picture directory), wherein second management files are provided for every respective subdirectory. Accordingly, since it is possible to carry out management of picture files in the state classified for every subdirectory, management of a large number of pictures can be easily carried out.

Thus, Koyama fails to disclose or render predictable "generation means for generating one management information file that manages the result of the edit so that **the**

management information file contains a group name representing each of the plurality of encoding systems of the plurality of pieces of data that were used when the management information file was edited," as recited in claim 9.

Furthermore, this deficiency of Koyama is not cured by the supplemental teaching of Takahashi.

Therefore, Applicants submit that independent claim 9 is patentable and respectfully request reconsideration and withdrawal of the rejection.

For reasons similar to, or somewhat similar to, those described above with regard to independent claim 9, independent claims 10-12 are also patentable, and Applicants thus respectfully request reconsideration of the rejections thereto.

CONCLUSION

Because Applicants maintain that all claims are allowable for at least the reasons presented hereinabove, in the interests of brevity, this response does not comment on each and every comment made by the Examiner in the Office Action. This should not be taken as acquiescence of the substance of those comments, and Applicants reserve the right to address such comments.
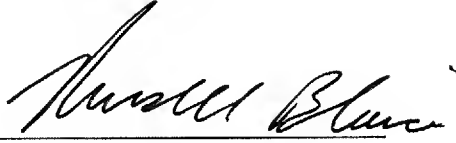
In the event the Examiner disagrees with any of statements appearing above with respect to the disclosure in the cited reference, or references, it is respectfully requested that the Examiner specifically indicate those portions of the reference, or references, providing the basis for a contrary view.

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overpayment, to our Deposit Account No. 50-0320.

In view of the foregoing amendments and remarks, it is believed that all of the

claims in this application are patentable and Applicants respectfully request early passage to

issue of the present application.

Respectfully submitted,

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